

Kurihara, Michinori.

PNEUMATIC BREAKWATER, I, tr. by K. Horikawa.
Aug 58 [16]p. 4 refs. IER Series 104, issue 4.
Order from I.C. or C.E.: mi\$2.40, ph\$3.30 60-13147

Trans. of Conference on Coastal Engineering in Japan
(no. 1). Proceedings, 1954, Nov.

The equation $P = C \rho g^{3/2} \lambda^{5/2}$ is derived for the power required to damp waves to a given fraction of their incident height. Here ρ is the density of sea water, g is acceleration due to gravity, λ is wave length, and C is a nondimensional function of l/λ , where l is the standard length of the stream (horizontal flow). For pneumatic breakwaters, $l = H \cdot F(H/H_0)$, where H is the depth at which the pipe is set and H_0 is the atmospheric pressure head in a meter of water. No close relationship between effect of wave height on wave destruction or on the damping coefficient could be established experimentally. The jet velocity (U) was found to be proportional to the cube root of the amount of air (Q). (Mechanics--Hydrodynamics, TT, v. 5, no. 5)

60-13147

1. Breakwaters--Design
2. Pneumatic devices--Applications
3. Damping--Theory
 - I. Kurihara, M.
 - II. IER-104-4
 - III. Wave Research Lab., U. of California, Berkeley
 - IV. Contract Nonr-222(46)

Office of Technical Services

1-13-61

60-13149

Kurihara, Michinori.
PNEUMATIC BREAKWATER. III. FIELD TEST AT
HA-JIMA, tr. by K. Horikawa. Nov 58 [25]p. IER
Series 104, 18900 6.
Order from LC or SLA ml\$2.70, ph\$4.80 60-13149

Trans. of Conference on Coastal Engineering in Japan
(no. 3). Proceedings, 1956, Nov.

Further field tests and analysis indicate the importance
of eddy viscosity in the pneumatic destruction of waves.
(See also 60-13148)

1. Breakwaters--Test results
2. Breakwaters--Japan
3. Pneumatic devices--
Applications
- I. Kurihara, M.
- II. Title: Field...
- III. IER-104-6
- IV. Wave Research Lab., U.
of California, Berkeley

Office of Technical Services

1-13-61

(Mechanics--Hydrodynamics, TT, v. 5, no. 5)

On the Standardization of an Intelligence Test for
Adults. Part II, by S. Kurihara, 20 pp.

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pp 682-691.

NIH/Tr 11-19

SLA - 57-2221

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Standardization of an Intelligence Test for Adults.
Part I., by S. Kurihara, 17 pp.

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Sci - Medicine, Psychology
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SLA-57-1001

Effect of Back-Pressure on Friction of Piston
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12 pp.

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IR 4898-56, 6004th Air Intel Sv Sq.

AF 1068723

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Operational Limits for Uranium Extraction by
Inclined Pipe Type Extraction Apparatus, by
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Vol. IV, No 1, 1962, pp 37-44. (9208244)

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Doc - Engr

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On the Representation of Finitely Many-Valued Logics
by Electric Circuits by Toshihiko Kurihara, 10 pp.

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Vol. XXVIII, No 2, pp 102-106, 1956.

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Sci - Math
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Polarographic Determination of Gamma-BHC, by
Yasuo Kurihara and Kotaro Miyabara.
JAPANESE, per, Kogyo Kagaku Zasshi, 1950, vol. 53
pp. 409-411.
N-B-27393

Yasuo Kurihara

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Kurihara, Yasuo, Miyabara, Kotaro, and Kurata,
Hikaru.

POLAROGRAPHIC DETERMINATION OF GAMMA-BHC.
[1963] 7p (figs omitted) 4refs
Order from SLA \$1.10

TT-63-20448

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1950, v. 53,
p. 409-411. (Abstract available)

DESCRIPTORS: *Insecticides, *Hexachlorocyclohexanes,
*Polarographic analysis, Solvents, Ethanols, Elec-
trolytes, Sodium compounds, Impurities, Degradation.

The gamma-BHC content of commercial BHC prep-
arations may be determined with an accuracy of $\pm 1\%$
by the proposed polarographic method. Ethyl alcohol
and sodium chloride, used as the solvent and the in-
different electrolyte, respectively, are readily available
and inexpensive. Impurities present in commercial
(Chemistry--Analytical, TT, v. 11, no. 4) (over)

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Optimum Use of Space-Time Signals, by A. A. Kuriksha,
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Coombs' Antiglobulin Test in the Diagnosis
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Change in Composition of Potassium Tetrafluorotri-
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Infrared Absorption Spectra of Hydroxyfluoroboric
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Some Clinical Forms of Infectious Lumbosacral
Radiculoneuritis, by K. F. Kanareykin, I. S.
Kuzilenko, Ye. S. Brezhneva

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Moscow, Sept 1961, pp 44-46

US JPRS: 12169

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Experience in Ultrasound Therapy of Diseases of
the Peripheral Nervous System and Locomotor
Apparatus, by I. S. Kurilenko, G. R. Khomenko,
8 pp.

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JPRS 9554

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The Outcomes of Acute Disturbances of
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4 pp.

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Dielectric Properties of Streaming Emulsions
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INVESTIGATION OF THE RHEOLOGICAL PROPERTIES
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AMYLOPECTIN. [1962] 8p.
Order from K-H \$10.00

K-H 11891

Trans. from Izvestiya Vysshikh Uchebnykh Zavedenii.
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DESCRIPTORS: *Fluid dynamic properties, Viscosity,
*Starches, *Carbohydrates, *Polysaccharides, Colloids.

(Chemistry--Organic, TT, v. 9, no. 10)

62-17441

1. Title: Amylopectin
2. Title: Amylose
1. Kurilenko, O. D.
- II. Kaban, A. P.
- III. Nedyuzhin, A. A.
- IV. K-H-11891
- V. Kresge-Hooker Science
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Detroit, Mich.

Office of Technical Services

Kurilenko, O. D., Kaban, A. P., and Nedyuzhin,
A. A.

A STUDY OF THE RHEOLOGICAL PROPERTIES OF
GLUTINOUS STARCH, AMYLOSE AND AMYLOPEC-
TIN SOLUTIONS. [1963] 8p. 9 refs.
Order from OTS or SLA \$1.10 63-14965

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii,
Pishchevaya Tekhnologiya (USSR) 1961, no. 1 [p. 12-
16].

Another trans. is available from K-H \$10.00 as
K-H-11891 [1962] 8p.

DESCRIPTORS: *Fluid dynamic properties, *Glutin,
*Starches, Carbohydrates, *Pectins, Colloids.

Described are the results of a study of the structural-
mechanical properties of glutinous potato starch, and
also of amylose and amylopectin solutions. Expressed
(Chemistry--Organic, TT, v. 10, no. 6) (over)

63-14965

1. Title: Amylopectin
2. Title: Amylose
- I. Kurilenko, O. D.
- II. Kaban, A. P.
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JPRS 5117

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The Experimental Production and Study of Crude and Purified Combined Rabies and Tetanus Antisera, by N. V. Volovich, E. G. Gordyenko, F. M. Kats, M. A. Kurilova, A. S. Khaykina, 5 pp.

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Jan 59

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SHA R-2898

Scientific - Chemistry Apr 55 CTS

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Sep 61

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SCI - GEOPHYS

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AN ASPECT ON THE MECHANISM OF LIQUID
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DESCRIPTORS: *Electrophotography, Photographic
chemicals, Printing.

ATS-35-3743

(Materials--Photographic, TT, v. 9, no. 2)

62-34279

I. Kurita, T.
II. ATS-48P62J
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Office of Technical Services

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USIB INTERNAL USE ONLY

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Sci - Eng; Min/Met

Apr 61

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